



TECHNICAL SERVICE BULLETIN  
# T08 - 01

Product Service  
Department

6/24/2008

To: All RedMax Distributors and Dealers  
Subject: Damper Shaft

PRODUCT MODEL

SERIAL NUMBER

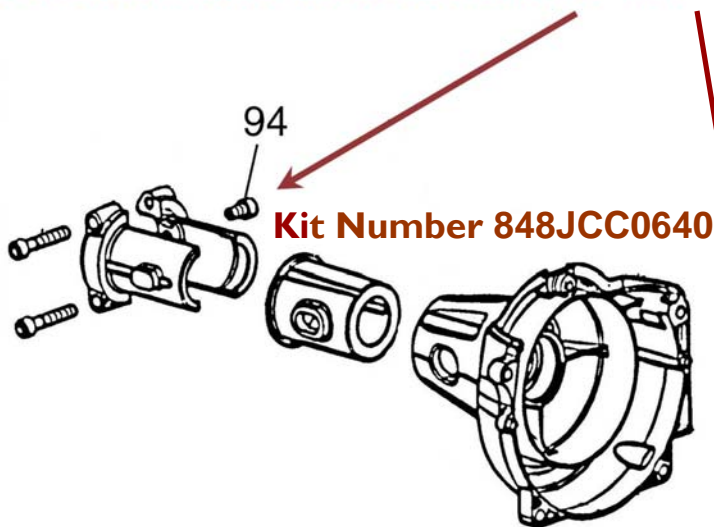
BCZ260IS, HEZ 240I, HEZ260I, HEZ300I

All Products below serial number 808\*\*\*\*\*

**Problem:** The Damper Shaft part number 848JCC5830 may break in Commercial use.  
**Solution:** The Damper Shaft has been redesigned. The new style damper shaft will be installed beginning with the August production. The part number is 848JCC0640 and includes the new Heavy Duty Damper Shaft and a Washer. The washer goes on the Anti-Rotation Screw (item #94) and it's purpose is to keep the end of the screw from contacting the damper shaft as the diameter of the damper shaft has been enlarged.

**Important Installation Information:** When installing the new Damper Shaft, be sure to install the flat washer that comes with the Kit. Failure to do so will cause damage to the Damper Shaft.

Add flat washer in the kit to screw #94



New

Old



18.12mm



15.59mm



## OPERATORS MANUAL ADDENDUM

### Attention: Gasoline Requirements

All 2-Stroke RedMax Products are powered by Zenoah Professional-Commercial Duty, Hi-Performance, Hi-RPM, **Air Cooled** 2-Stroke engines.

RedMax/Zenoah – Hi-Performance 2-stroke engines produce higher HP outputs as compared to standard Home Owner Duty or Light Commercial Duty production engines offered by most manufacturers.

The RedMax/Zenoah Engines are registered and certified with CARB (California Air Resources Board) and EPA (Environmental Protection Agency) to operate on CLEAN Mid-grade 89 Octane [R+M]/2 or Premium, unleaded (lead-free) gasoline and RedMax Air-Cooled “Max Life”, Synthetic blend Premium two-stroke engine oil mixed at 50:1 ratio.

This Hi-Performance Air Cooled 2-stroke Engine requires the use of **Minimum** 89 Octane [R+M]/2 (Mid grade or Premium) clean gasoline. Gasoline may contain maximum of 10% Ethanol (grain alcohol) or up to 15% MTBE (Methyl tertiary-butyl ether). Gasoline containing Methanol (Wood Alcohol) is **NOT** approved.

**WARNING:** Gasoline with a octane rating **lower than 89** will greatly increase the engines operating temperature. Low octane gasoline will cause detonation (knock) resulting in piston seizures and major internal engine mechanical components damage.

**Note:** IF octane rating of the Mid Grade gasoline in your area is lower than 89 Octane use Premium Unleaded Gasoline. The majority of all 2-stroke engine manufacturers in the USA and Canada recommend using gasoline with 89 Octane or higher.

**Note:** Failures caused by operating engines on gasoline with octane rating lower than 89 are not covered by the RedMax Two-Stroke engine warranty.

### **WARNING:**                    Alternative Fuels (Not Gasoline)

**Alternative fuels**, such as E-15 (15% ethanol), E-20 (20% ethanol), E-85 (85% ethanol) are **NOT** classified as gasoline and are **NOT** approved for use in RedMax 2-stroke gasoline engines. Use of alternative fuels will cause major engine performance and durability problems such as: improper clutch engagements, overheating, vapor lock, power loss, lubrication deficiency, deterioration of fuel lines, gaskets and internal carburetor components, etc... **Alternative fuels cause high moisture absorption into the fuel/oil mixture leading to oil and fuel separation.**